

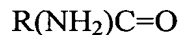
CLAIM AMENDMENTS

The claims are not amended. A copy of the claims, including their current status, is provided below.

1-5 **(withdrawn)**

6. **(Previously presented)** A method that allows a probe and target to hybridize at a temperature lower than their standard hybridization temperature, comprising:

(a) heating the probe and target in the presence of a chemical component of the formula:



where R is an amino or a methyl group; and

(b) allowing the probe and target to hybridize,
wherein said probe is an oligonucleotide probe attached to the surface of a glass substrate.

7. **(Previously presented)** A method as recited in claim 6, wherein said probe and target are heated to a temperature that is lower than their standard hybridization temperature.

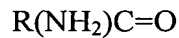
8. **(Previously presented)** A method as recited in claim 6, further comprising adding said chemical compound to a solution prior to heating step (a).

9-12. **(withdrawn)**

13-14. **(cancelled)**

15. **(Previously presented)** A method that allows a probe on a micro array surface to hybridize to a target at a temperature lower than their standard hybridization temperature, comprising:

(a) heating the probe and target in the presence of a chemical component of the formula:



where R is an amino or a methyl group; and

(b) allowing the probe and target to hybridize,
wherein said probe is an oligonucleotide probe attached to the surface of a glass substrate.

16. **(Previously presented)** A method as recited in claim 15, wherein said probe and target are heated to a temperature that is lower than their standard hybridization temperature.
17. **(Previously presented)** A method as recited in claim 15, further comprising adding said chemical compound to a solution prior to heating step (a).
18. **(Previously presented)** A method as recited in claim 6, wherein said chemical component is urea.
19. **(Previously presented)** A method that allows a probe and target to hybridize at a temperature lower than their standard hybridization temperature, comprising:
 - (a) heating the probe and target in the presence of acetamide; and
 - (b) allowing the probe and target to hybridize,wherein said probe is an oligonucleotide probe attached to the surface of a glass substrate.